



PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Mark S. Moir et al.  
Title: SPACE- AND TIME-ADAPTIVE NONBLOCKING ALGORITHMS  
Application No.: 10/621,078 Filed: July 16, 2003  
Examiner: Robert W. Beausoliel Jr. Group Art Unit: 2113  
Atty. Docket No.: 004-8193 Confirmation No.: 1247

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- ☐ Listing of Pending Applications (N/A page(s), with copy of no application(s)).
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For each item of information listed that is not in the English language, the undersigned has provided a concise explanation of the relevance through (i) an English language abstract, (ii) an English language equivalent application, or (iii) if cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action that indicates the degree of relevance found by the foreign office.

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Respectfully submitted,

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PTO/SB/08B (Substitute for form 1449/PTO)		Attorney Docket No.: 004-8193	
		Application No.: 10/621,078	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		First Named Inventor: Mark Moir	
		Filing Date: July 16, 2003	
		Group Art Unit: 2113	
		Examiner Name: Robert W. Beausoliel Jr.	
		Date Submitted: January 27, 2006	
<b>NON PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	1	AGESEN, Ole et al., "An Efficient Meta-Lock for Implementing Ubiquitous Synchronization," ACM SIGPLAN Notices, vol. 34, no. 10, pp. 207-222, October 1999.	
	2	ANDERSON, James H. et al., "Universal Constructions for Large Objects," <i>IEEE Transactions on Parallel and Distributed Systems</i> , vol. 10, no. 12, pp. 1317-1332, 1999.	
	3	FAROOK, Mohammad et al., "Managing Long Linked Lists Using Lock Free Techniques" in <i>High Performance Computing Systems and Applications, Chapter 37</i> (pp. 407-422), Kluwer Academic Publishers, October, 1998.	
	4	MELLOR-CRUMMEY, J., et al., "Algorithms for Scalable Synchronization on Shared-Memory Multiprocessors," <i>ACM Transactions on Computer Systems</i> , vol. 9, no. 1, pp. 21-65, February 1991.	
	5	PRAKASH, Sundeep et al., "Non-Blocking Algorithms for Concurrent Data Structures," Technical Report 91-002, University of Florida, July 1, 1991 [URL: <a href="http://citeseer.ist.psu.edu/prakash91nonblocking.html">http://citeseer.ist.psu.edu/prakash91nonblocking.html</a> ].	
	6	PRAKASH, Sundeep et al., "A Nonblocking Algorithm for Shared Queues Using Compare-and-Swap," <i>IEEE Transactions on Computers</i> , vol. 43, no. 5, pp. 548-559, May 1994.	
	7	SHANN, Chien-Hua et al., "A Practical Nonblocking Queue Algorithm Using Compare-and-Swap," <i>Proceedings of the Seventh International Conference on Parallel and Distributed Systems</i> p. 470, IEEE Computer Society, Washington, D.C., 2000.	
	8	SHAVIT, N., et al., "Elimination Trees and the Construction of Pools and Stacks," <i>Theory of Computing Systems</i> , vol. 30, pp. 645-670, 1997.	
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	10	VALOIS, John D., "Lock-Free Linked Lists Using Compare-and-Swap," <i>Proceedings of the Fourteenth ACM Symposium on Principles of Distributed Computing</i> , pp. 214-222, ACM Press, New York, NY 1995.	
<b>Examiner Signature</b>		<b>Date Considered</b>	

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